



Patent
Attorney's Docket No. 040071-134

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Sven MATTISSON et al.

Application No. 09/580,632

Filed: May 30, 2000

For: Linear Dead-Band-Free Digital Phase Detection

Group Art Unit: 2858

Examiner: Unassigned

Confirmation No.: Unassigned

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FOURTH INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is a Fourth Information Disclosure Statement for the above-identified patent application.

No additional fee for submission of an IDS is required

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

**P.O. Box 1404
Alexandria, Virginia 22313-1404
(919) 941-9240**

Date:

July 19, 2002

By:

Theodosios Thomas
Registration No. 45,159

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FOURTH INFORMATION DISCLOSURE STATEMENT

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Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

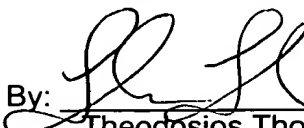
The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore under 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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